


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

QKD or cryptographic key distribution


 Searching within The ACM Digital Library for: QKD or cryptographic key distribution ([start a new](#)
[Found 5 of 240,775](#)

REFINE YOUR SEARCH

Search Results

[Related Journals](#)[Related Magazines](#)[Related SI](#)

Results 1 - 5 of 5

Sort by [relevance](#)

▼ Refine by Keywords

QKD or cryptographic

Discovered Terms

▼ Refine by People

[Names](#)
[Institutions](#)
[Authors](#)
[Reviewers](#)

▼ Refine by

[Publications](#)
[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)

▼ Refine by

[Conferences](#)
[Sponsors](#)
[Events](#)
[Proceeding Series](#)

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

 Please provide us
with feedback

[Found 5 of 240,775](#)

Save results to a Binder

1 [Quantum cryptography in practice](#)

Chip Elliott, David Pearson, Gregory Troxel

 August 2003 SI GCOMM '03: Proceedings of the 2003 conference on Appli:
 architectures, and protocols for computer communications

Publisher: ACM

 Full text available: Pdf (809.93 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 295, Citatio

 BBN, Harvard, and Boston University are building the DARPA Quantum I
 network that delivers end-to-end network security via high-speed Quan
 testing that Network against sophisticated eavesdropping attacks. ...

 Keyword: IPsec, cryptographic protocols, error correction, key agree
 amplification, quantum cryptography, quantum key distribution, secure
2 [Unconditional security in quantum cryptography](#)

Dominic Mayers

May 2001 Journal of the ACM (JACM) . Volume 48 Issue 3

Publisher: ACM

 Full text available: Pdf (394.84 KB) Additional Information: [full citation](#), [abstract](#), [re](#)
[review](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 249, Citatio

 Basic techniques to prove the unconditional security of quantum crypto
 are applied to a quantum key distribution protocol proposed by Bennett
 proof considers a practical variation on the protocol in ...

Keyword: quantum cryptography, quantum information theory, uncor

3 [An introduction to quantum cryptography](#)

Nick Papanikolaou

May 2005 Crossroads . Volume 11 Issue 3

Publisher: ACM

 Full text available: Html (40.57 KB), Pdf (157.93 KB) Additional Information: [full citat](#)



Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 270, Citatio

4 [Quantum networks: from quantum cryptography to quantum architec](#)
 Tatjana Curcic, Mark E. Filipkowski, Almadena Chitchekanova, Philip A. D'A

-  Michael Foster, Douglas Cochran
October 2004 SI GCOMM Computer Communication Review , Volume 34 Is
Publisher: ACM
Full text available:  Pdf (221.26 KB) Additional Information: [full citation](#), [abstract](#), [te](#)
Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 157, Citation

As classical information technology approaches limits of size and function, searching for new paradigms for the distribution and processing of information. Introduction is to provide a broad view of the beginning ...

5 [Can quantum mechanics help distributed computing?](#)

-  Anne Broadbent, Alain Tapp
September 2008 SI GACT News , Volume 39 Issue 3
Publisher: ACM
Full text available:  Pdf (735.83 KB) Additional Information: [full citation](#), [abstract](#), [te](#)
Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 68, Citation

We present a brief survey of results where quantum information processing is used for distributed computation tasks. We describe problems that are impossible for classical resources but that become feasible with the help of quantum entanglement ...

Keywords: communication complexity, pseudo-telepathy, quantum game, entanglement

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows Media Player  RealPlayer